

Converting Colors

XYZ(83.9904, 82.6951, 95.6134)

Have a look what the booklet for
XYZ(83.9904, 82.6951, 95.6134)
contains.

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Color

**XYZ(83.9153, 82.5931,
95.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE4F2
RGB	252, 228, 242
RGB Percent	99%, 89%, 95%
CMY	0.0118, 0.1059, 0.0510
CMYK	0.00, 0.10, 0.04, 0.01
HSL	325°, 80%, 94%
HSV	325°, 10%, 99%
XYZ	83.9153, 82.5931, 95.5236
YIQ	236.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

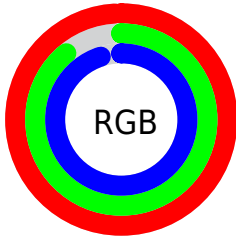
Format	Color
R _Y B	252, 228, 242
Decimal	16573682
CIE Lab	92.84, 10.54, -3.81
CIE LCh	93, 11.212, 340.120
Yxy	82.5931, 0.3202, 0.3152
Android (android.graphics.Color)	4294763762 (0xFFFC E4F2)
YUV	236.7720, 2.5774, 13.3550
Hunter-Lab	90.8807, 5.7778, 1.2976

Details

The XYZ color **83.9153, 82.5931, 95.5236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2411, 92.2900, 94.3727**, and the grayscale version is **80.2985, 84.4803, 91.9990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3122, 45.0344, 52.7060** is the 20% darker color. If you saturate the color by 10%, you get **75.9500, 69.1137, 85.3090**, and if you desaturate by 10%, it is **92.9864, 98.1367, 106.5557**.

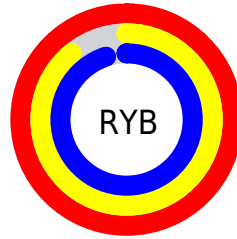
Distribution



Red (99%)

Green (89%)

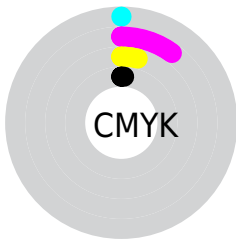
Blue (95%)



Red (99%)

Yellow (89%)

Blue (95%)

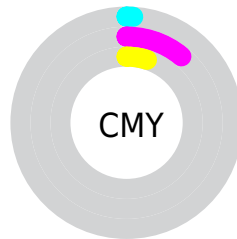


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9153, 82.5931, 95.5236 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 83.9153, 82.5931, 95.5236 by changing the saturation by 10% instead.


 83.9153, 82.5931,
95.5236

 83.9153, 82.5931,
95.5236

496.5698,
503.6294, 566.8670

 63.2650, 61.8545,
71.9716


137.7786,
137.0054, 156.9896

 46.3151, 44.9152,
52.6487


171.7222,
171.4480, 195.7406

 32.7002, 31.3906,
37.1366


210.8277,
211.2273, 240.3950

 22.0550, 20.8965,
25.0167

255.4603,
256.7278, 291.3713

 14.0141, 13.0483,
15.8704

305.9855,
308.3339, 349.0882

 8.2123, 7.4618,
9.2791

362.7686,

 4.2840, 3.7526,

366.4299, 413.9640

4.8244

426.1749,
431.4003, 486.4175

■ 1.8640, 1.5361,
2.0877

■ 0.5558, 0.3140,
0.6084

■ 83.9153, 82.5931,
95.5236

■ 83.9153, 82.5931,
95.5236

■ 75.9500, 69.1137,
85.3090

■ 92.9864, 98.1367,
106.5557

■ 69.0382, 57.6001,
75.8841

■ 93.9554, 99.4357,
108.8488

■ 63.1343, 47.9619,
67.2270

■ 58.1859, 40.0974,
59.3125

■ 54.1360, 33.8950,
52.1134

■ 50.9213, 29.2305,
45.6005

■ 48.4692, 25.9619,
39.7409

■ 46.6941, 23.9207,
34.4974

■ 45.4630, 22.8437,
29.8163

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1854, 82.5931, 102.8285



83.9153, 82.5931, 95.5236



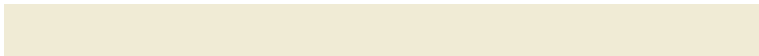
84.1747, 82.5931, 87.1271

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9153, 82.5931, 95.5236



77.5174, 82.5931, 74.9759



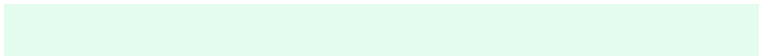
74.2763, 82.5931, 100.7224

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



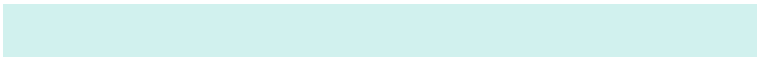
83.9153, 82.5931, 95.5236



82.2411, 92.2900, 94.3727

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0906, 82.5931, 92.7921



83.9153, 82.5931, 95.5236



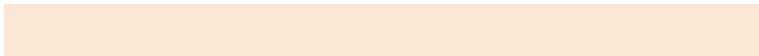
74.9308, 82.5931, 78.1576

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



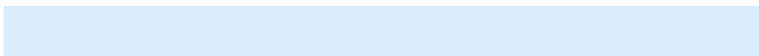
83.9153, 82.5931, 95.5236



80.4319, 82.5931, 75.6064



73.3272, 82.5931, 84.5588



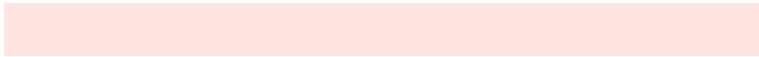
76.6038, 82.5931, 105.9568

Rectangle

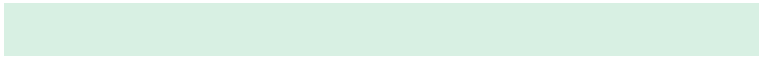
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



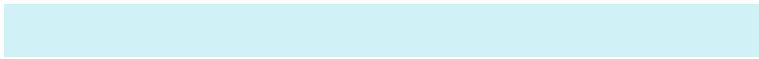
83.9153, 82.5931, 95.5236



83.4722, 82.5931, 82.0808



73.3272, 82.5931, 84.5588



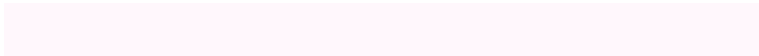
73.7336, 82.5931, 98.2640

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.9177, 82.5967, 95.5254



92.1488, 95.0122, 105.4217



80.5772, 80.6963, 103.4257



19.5615, 20.0583, 22.3684



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

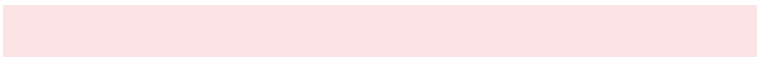
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9177, 82.5967, 95.5254



84.9200, 82.6607, 96.5193



82.1742, 81.8993, 86.3441



17.6692, 17.3950, 20.1139



23.7297, 11.9076, 15.8169



2.2506, 1.1240, 1.7431

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83.9177, 82.5967, 95.5254



84.9200, 82.6607, 96.5193



84.0632, 93.0189, 103.9678



17.6692, 17.3950, 20.1139



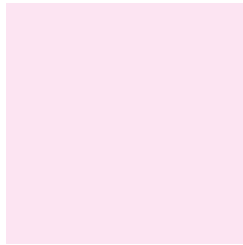
23.7297, 11.9076, 15.8169



2.2506, 1.1240, 1.7431

Previews

White Background



This preview shows how the XYZ color 83.9153, 82.5931, 95.5236 looks on a white background.

Color Contrast Check

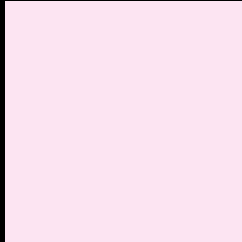
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 83.9153, 82.5931, 95.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

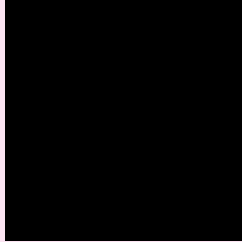
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9153, 82.5931, 95.5236

Background



This preview shows how black text looks on a background with the XYZ color 83.9153, 82.5931, 95.5236.



This preview shows how white text looks on a background with the XYZ color 83.9153, 82.5931,

95.5236.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.9153, 82.5931, 95.5236

Protanopia

80.2124, 82.7033, 98.1219

Deuteranopia

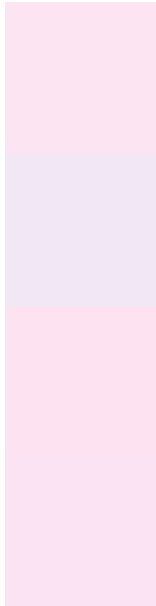
84.3691, 82.4198, 95.4663



Tritanopia

84.0954, 82.2262, 97.8251

Trichromacy



Original Color

83.9153, 82.5931, 95.5236

Protanomaly

81.5230, 82.5607, 97.2270

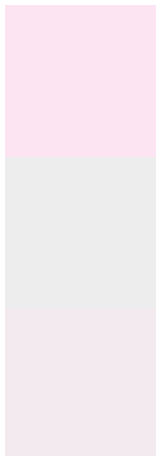
Deuteranomaly

84.0041, 82.2316, 95.4492

Tritanomaly

83.9431, 82.1653, 97.0232

Monochromacy



Original Color

83.9153, 82.5931, 95.5236

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.6208, 83.9549, 93.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9153, 82.5931, 95.5236 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 242) }
```

Border

The CSS property to change the border of an element to XYZ 83.9153, 82.5931, 95.5236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 228, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 228, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9153, 82.5931, 95.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
228, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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